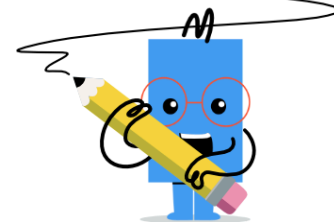




## Graphing Circles - Equation to Center Coordinate



**1** What would the center coordinate of this circle graph be?

$$(x + 2)^2 + (y + 4)^2 = 4^2$$

A  $C = (-2, 4)$

B  $C = (-2, -4)$

C  $C = (-4, -2)$

**2** What would the center coordinate of this circle graph be?

$$(x - 1)^2 + (y + 2)^2 = 3^2$$

A  $C = (-2, 1)$

B  $C = (1, -2)$

C  $C = (1, 3)$

**3** What would the center coordinate of this circle graph be?

$$(x - 2)^2 + (y + 2)^2 = 5^2$$

A  $C = (-2, 2)$

B  $C = (2, 5)$

C  $C = (2, -2)$

**4** What would the center coordinate of this circle graph be?

$$(x + 4)^2 + (y - 5)^2 = 1^2$$

A  $C = (-4, 1)$

B  $C = (-4, 5)$

C  $C = (5, -4)$

**5** What would the center coordinate of this circle graph be?

$$(x + 5)^2 + (y - 3)^2 = 4^2$$

A  $C = (-5, 3)$

B  $C = (3, -5)$

C  $C = (-5, 4)$

**6** What would the center coordinate of this circle graph be?

$$(x - 5)^2 + (y - 1)^2 = 4^2$$

A  $C = (5, 4)$

B  $C = (1, 5)$

C  $C = (5, 1)$

**7** What would the center coordinate of this circle graph be?

$$(x + 4)^2 + (y + 3)^2 = 2^2$$

A  $C = (-4, 2)$

B  $C = (-4, -3)$

C  $C = (-3, -4)$

**8** What would the center coordinate of this circle graph be?

$$(x - 5)^2 + (y)^2 = 1^2$$

A  $C = (5, 1)$

B  $C = (5, 0)$

C  $C = (0, 5)$